

REMARKS

Claims 2-36 remain in the application and have been amended hereby.

As will be noted from the Declaration, Applicants are citizens and residents of Japan and this application originated there.

Accordingly, the amendments made to the specification are provided to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is earnestly solicited.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADE
IN THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract by rewriting same to read as follows.

An information processing apparatus and method [are provided] by which the user [not only] can [merely] see an album display [but] and [also] can enjoy the album display [satisfactorily] as a memory. Image data [are stored], [and] time information and position information are recorded [in connection with the image data]. Thumbnail icons representative of the image data are displayed [in accordance] along with the time information, and a map image is displayed in [concave/concave] concave/convex display. Position icons representative of the time information and the position information are displayed on the map image. The map and the thumbnail icons are moved on the display by at least one of different types of movement including horizontal movement, vertical movement, clockwise or counterclockwise rolling movement, upward or downward pitching movement and leftward or rightward yawing movement; so that the user can enjoy various images.

IN THE CLAIMS

Please amend claims 2-36 by rewriting same to read as follows.

--2. (Amended) [An] The information processing apparatus according to claim 1, further comprising thumbnail icon display control means for controlling a display of thumbnail icons indicative of said image data.

--3. (Amended) [An] The information processing apparatus according to claim 2, further comprising thumbnail icon data inputting means for inputting data representative of said thumbnail icons, said map display control means controlling a display region of the map image based on said position information corresponding to the data representative of the thumbnail icons inputted by said thumbnail icon data inputting means.

--4. (Amended) [An] The information processing apparatus according to

claim 2, further comprising a position icon data inputting means for inputting data representative of said position icons, and

said thumbnail icon display control means controlling a time series display of the thumbnail icons based on said time information corresponding to the data representative of the position icons inputted by said position icon data inputting means.

--5. (Amended) [An] The information processing apparatus according to claim 1, wherein said concave/convex display control means for controlling the topographic concave/convex display of said map image controls the topographic concave/convex display based on contour data of a topography.

--6. (Amended) An information processing apparatus according to claim 1, wherein said concave/convex display control means for controlling the topographic concave/convex display of said map image controls the topographic concave/convex display based on arbitrary illumination direction data and shadow data associated with the arbitrary illumination direction data.

--7. (Amended) An information processing apparatus according to claim 1, further comprising:

position icon time series display control means for controlling a time series display of said position icons in said map image based on said time information; and

connection line display control means for controlling a connection line display between a plurality [of ones] of said position icons.

--8. (Amended) [An] The information processing apparatus according to claim 5, wherein the map image whose display is controlled by said map display control means and a thumbnail icon display displayed on said map image by said thumbnail icon display control means are moved by at least one of [types of movement including] horizontal movement, vertical movement, clockwise or counterclockwise rolling movement, upward or downward pitching movement and leftward or rightward yawing movement.

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--9. (Amended) [An] The information processing apparatus according to claim 7, wherein the map image whose display is controlled by said map display control means and a thumbnail icon display displayed on said map image by said thumbnail icon display control means are moved by at least one of [types of movement including] horizontal movement, vertical movement, clockwise or counterclockwise rolling movement, upward or downward pitching movement and leftward or rightward yawing movement.

--10. (Amended) An information processing method for an apparatus [which] that includes display means, comprising:

an image data inputting step [of] for inputting image data;

a time information inputting step [of] for inputting time information in connection with said image data;

a position information inputting step [of] for inputting position information in connection with said image data;

a map display control step [of] for controlling display of a map image;

a position icon display control step [of] for controlling display of position icons indicative of said time information and said position information on the map image whose display is controlled by the map display control step; and

a concave/convex display control step [of] for controlling topographic concave/convex display of the map image whose display is controlled by said map display control step.

--11. (Amended) [An] The information processing method according to claim 10, further comprising a thumbnail icon display control step [of] for controlling display of thumbnail icons indicative of said image data.

--12. (Amended) [An] The information processing method according to claim 11, further comprising a thumbnail icon data inputting step [of] for inputting data representative of said thumbnail icons, said map display control step controlling a display region of the map image based on said

position information corresponding to the data representative of the thumbnail icons inputted by said thumbnail icon data inputting step.

--13. (Amended) [An] The information processing method according to claim 11, further [a] comprising a position icon data inputting step [of] for inputting data representative of said position icons, the thumbnail icon display control step controlling a time series display of the thumbnail icons based on said time information corresponding to the data representative of the position icons inputted by said position icon data inputting step.

--14. (Amended) [An] The information processing method according to claim 10, wherein the concave/convex display control step [of] for controlling the topographic concave/convex display of said map image controls the topographic concave/convex display based on contour data of a topography.

--15. (Amended) [An] The information processing method according to claim 10, wherein the concave/convex display control step [of] for controlling the topographic concave/convex display of said map image controls the topographic concave/convex display based on arbitrary illumination direction data and shadow data associated with the arbitrary illumination direction data.

--16. (Amended) [An] The information processing method according to claim 10, further comprising:

a position icon time series display control step [of] for controlling a time series display of said position icons in said map image based on said time information; and

a connection line display control step [of] for controlling a connection line display between a plurality [of ones] of said position icons.

--17. (Amended) [An] The information processing method according to claim 14, wherein the map image whose display is controlled by said map

display control step and a thumbnail icon display displayed on said map image by said thumbnail icon display control step are moved by at least one of [types of movement including] horizontal movement, vertical movement, clockwise or counterclockwise rolling movement, upward or downward pitching movement and leftward or rightward yawing movement.

--18. (Amended) [An] The information processing method according to claim 16, wherein the map image whose display is controlled by said map display control step and a thumbnail icon display displayed on said map image by said thumbnail icon display control step are moved by at least one of [types of movement including] horizontal movement, vertical movement, clockwise or counterclockwise rolling movement, upward or downward pitching movement and leftward or rightward yawing movement.

--19. (Amended) An information storage medium on which a computer-readable program is recorded, the computer-readable program causing a computer to execute:

an image data inputting step [of] for inputting image data;

a time information inputting step [of] for inputting time information in connection with said image data;

a position information inputting step [of] for inputting position information in connection with said image data;

a map display control step [of] for controlling a display of a map image;

a position icon display control step [of] for controlling a display of position icons indicative of said time information and said position information on the map image whose display is controlled by said map display control step; and

a concave/convex display control step [of] for controlling a topographic concave/convex display of the map image whose display is controlled by said map display control step.

--20. (Amended) [An] The information storage medium on which a

computer-readable program is recorded according to claim 19, further comprising a thumbnail icon display control step [of] for controlling display of thumbnail icons indicative of said image data.

--21. (Amended) [An] The information storage medium on which a computer-readable program is recorded according to claim 20, further comprising a thumbnail icon data inputting step [of] for inputting data representative of said thumbnail icons, said map display control step controlling a display region of the map image based on said position information corresponding to the data representative of the thumbnail icons inputted by said thumbnail icon data inputting step.

--22. (Amended) [An] The information storage medium on which a computer-readable program is recorded according to claim 20, further comprising a position icon data inputting step [of] for inputting data representative of said position icons, said thumbnail icon display control step controlling a time series display of the thumbnail icons based on said time information corresponding to the data representative of the position icons inputted by said position icon data inputting step.

--23. (Amended) [An] The information storage medium on which a computer-readable program is recorded according to claim 19, wherein the concave/convex display control step [of] for controlling the topographic concave/convex display of said map image controls the topographic concave/convex display based on contour data of a topography.

--24. (Amended) [An] The information storage medium on which a computer-readable program is recorded according to claim 19, wherein said concave/convex display control step [of] for controlling the topographic concave/convex display of said map image controls the topographic concave/convex display based on arbitrary illumination direction data and shadow data associated with the arbitrary illumination direction data.

--25. (Amended) [An] The information storage medium on which a computer-readable program is recorded according to claim 19, further

comprising:

a position icon time series display control step [of] for controlling a time series display of said position icons in said map image based on said time information; and

a connection line display control step [of] for controlling connection line display between a plurality [of ones] of said position icons.

--26. (Amended) [An] The information storage medium on which a computer-readable program is recorded according to claim 23, wherein the map image whose display is controlled by said map display control step and a thumbnail icon display displayed on said map image by said thumbnail icon display control step are moved by at least one of [types of movement including] horizontal movement, vertical movement, clockwise or counterclockwise rolling movement, upward or downward pitching movement and leftward or rightward yawing movement.

--27. (Amended) [An] The information storage medium on which a computer-readable program is recorded according to claim 25, wherein the map image whose display is controlled by said map display control step and a thumbnail icon display displayed on said map image by said thumbnail icon display control step are moved by at least one of [types of movement including] horizontal movement, vertical movement, clockwise or counterclockwise rolling movement, upward or downward pitching movement and leftward or rightward yawing movement.

--28. (Amended) A program for causing a computer to function as:

image data inputting means for inputting image data;

time information inputting means for inputting time information in connection with said image data;

position information inputting means for inputting position information in connection with said image data;

map display control means for controlling a display of a map image;

position icon display control means for controlling a display of position icons indicative of said time information and said position information on the map image whose display is controlled by said map display control means; and

concave/convex display control means for controlling topographic concave/convex display of the map image whose display is controlled by said map display control means.

--29. (Amended) [A] The program for causing a computer to function according to claim 28, wherein the function [further has] includes

thumbnail icon display control means for controlling display of thumbnail icons indicative of said image data.

--30. (Amended) [A] The program for causing a computer to function according to claim 29, wherein the function [further has] includes

thumbnail icon data inputting means for inputting data representative of said thumbnail icons, and said map display control means controls a display region of the map image based on said position information corresponding to the data representative of the thumbnail icons inputted by said thumbnail icon data inputting means.

--31. (Amended) [A] The program for causing a computer to function according to claim 29, wherein the function [further has] includes

position icon data inputting means for inputting data representative of said position icons, and said thumbnail icon display control means controls a time series display of the thumbnail icons based on said time information corresponding to the data representative of the position icons inputted by said position icon data inputting means.

--32. (Amended) [A] The program for causing a computer to function according to claim 28, wherein said concave/convex display control means for controlling the topographic concave/convex display of said map image controls the topographic concave/convex display based on contour data of a topography.

--33. (Amended) [A] The program for causing a computer to function according to claim 28, wherein said concave/convex display control means for controlling the topographic concave/convex display of said map image controls the topographic concave/convex display based on arbitrary illumination direction data and shadow data associated with the arbitrary illumination direction data.

--34. (Amended) [A] The program for causing a computer to function according to claim 28, wherein the function [further has:] includes position icon time series display control means for controlling a time series display of said position icons in said map image based on said time information; and

connection line display control means for controlling connection line display between a plurality [of ones] of said position icons.

--35. (Amended) [A] The program for causing a computer to function according to claim 32, wherein the function includes

movement display means for moving the map image whose display is controlled by said map display control means and a thumbnail icon display displayed on said map image by said thumbnail icon display control means by at least one of [types of movement including] horizontal movement, vertical movement, clockwise or counterclockwise rolling movement, upward or downward pitching movement and leftward or rightward yawing movement.

--36. (Amended) [A] The program for causing a computer to function according to claim 34, wherein the function includes

movement display means for moving the map image whose display is controlled by said map display control means and a thumbnail icon display displayed on said map image by said thumbnail icon display control means by at least one of [types of movement including] horizontal movement, vertical movement, clockwise or counterclockwise rolling movement, upward or downward pitching movement and leftward or rightward yawing movement.